Attorney's Docket No.: 13913-087001 / 2002P10032 US02

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Markus Cherdron et al.   Art Unit   : 2123
Serial No. : 10/676,837   Examiner : Unknown
Filed   : September 30, 2003
Title   : USING INTERRELATED DATA AT RUN TIME

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

RESPONSE TO THE RESPONSE TO REQUEST FOR CORRECTED FILING RECEIPT DATED MAY 27, 2004

The applicant has received a "Response to Request for Corrected Filing Receipt" dated May 27, 2004, for the the above-captioned application. In reply, applicant respectfully submits that the complete priority information was submitted at the time of filing of the above-captioned application as shown on page 1 of the application, in the "Cross-Reference to Related Applications" section (copy enclosed). The priority information was again indicated on the patent application transmittal, on page 1, filed with the application on September 30, 2003 (copy enclosed).

The applicant respectfully submits that this error is a PTO error and requests that a corrected Filing Receipt be issued for the above-captioned patent application.

Applicant : Markus Cherdron et al.
Serial No. : 10/676,837
Filed : September 30, 2003
Page : 2 of 2

Attorney's Docket No.: 13913-087001 / 2002P10032
US02

Please apply any other charges or credits to deposit account 06-1050.

Respectfully submitted,

Date: 7-28-04

Elissa Y. Wang
Reg. No. 48,668

Fish & Richardson P.C.
500 Arguello Street, Suite 500
Redwood City, California 94063
Telephone: (650) 839-5070
Facsimile: (650) 839-5071

50223193.doc

USING INTERRELATED DATA AT RUN TIME

CROSS-REFERENCE TO RELATED APPLICATIONS

This application claims the benefit of U.S. Application Serial No. 60/414,985, filed on September 30, 2002, European Application Serial No. 02024242.6 filed on October 31, 2002, and U.S. Application Serial No. 10/335,191, filed on December 30, 2002.

BACKGROUND

The present invention relates to electronic data processing in general, and particularly to using interrelated data at run time.

In the model view controller (MVC) design pattern used for developing application programs, the model represents the core of such an application program. The model can have multiple views, where each view displays information about the model to a user. A controller of the model receives events, for example, raised by a user interacting with a view to manipulate the model. The model can have multiple controllers and a controller can relate to multiple views. The model and the controller typically include application code. When changes occur in the model, the model updates all of its views. Data binding is used for data transport between the view and its model or controller. For example, a table view can be defined to display data of a corresponding table that is stored in the model or controller. The table is used as the data source for the table view (data binding). For example, the table view can be replaced by a further view, such as a linked list, that binds against the same table. In this case, the further view displays the table data without changing anything in the controller or the model.

When building a software application, predefined relationships can exist between various data elements used by the application. Predefined relationships can be defined in a variety of ways; for example, the relationships can be defined through dependencies in a relational database. However, for some data, predefined relationships do not exist, for example, when no relationship is defined in a database or when it is data that refers to the model on the one hand and to the view on the other hand. Therefore, usually a major portion

FISH ᴜ RICHARDSON P.C.

September 30, 2003

COPY

Attorney Docket No.: 13913-087001 / 2002P10032 US02

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Applicant: MARKUS CHERDRON, UWE REEDER, STEPHAN RITTER AND
FRANK WEIGEL

Title: USING INTERRELATED DATA AT RUN TIME

Enclosed are the following papers, including those required to receive a filing date under 37 CFR §1.53(b):

	Pages
Specification	20
Claims	3
Abstract	1
Declaration	[To be Filed at a Later Date]
Drawings	9

Enclosures:
— Application Coversheet, 1 page.
— Postcard (2).

This application claims the benefit of U.S. Application Serial No. 60/414,985, filed on September 30, 2002, European Application Serial No. 02024242.6 filed on October 31, 2002, and U.S. Application Serial No. 10/335,191, filed on December 30, 2002.

Under 37 CFR §1.53(f), no filing fee is being paid at this time.

MAILING BY EXPRESS MAIL

Express Mail Label No._____ EV 321 387 345 US_____

September 30, 2003
_____
Date of Deposit

FISH & RICHARDSON P.C.

If this application is found to be incomplete, or if a telephone conference would otherwise be helpful, please call the undersigned at (650) 839-5070.
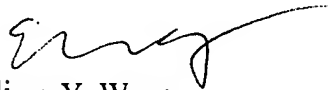
Kindly acknowledge receipt of this application by returning the enclosed postcard.

Please direct all correspondence to:

32864

PTO Customer Number

Respectfully submitted,

Elissa Y. Wang
Reg. No. 48,668
Enclosures
EYW/cab
50177073.doc